

## RAW SEQUENCE LISTING

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) no errors detected.

Application Serial Number: 10/527,587  
Source: PU/10  
Date Processed by STIC: 3/25/05

# ***ENTERED***



PCT

## RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/527,587

DATE: 03/25/2005

TIME: 08:51:55

Input Set : A:\PTO.SR.txt

Output Set: N:\CRF4\03252005\J527587.raw

4 <110> APPLICANT: Beschorner, William E.  
 5 Sosa, Carlos E.  
 6 Thompson, Scott C.  
 8 <120> TITLE OF INVENTION: Growth of Foreign Cells in Fetal Animals Facilitated By  
 Conditional and  
 9 Selective Destruction of Native Host Cells  
 12 <130> FILE REFERENCE: 000241.00002  
 C--> 14 <140> CURRENT APPLICATION NUMBER: US/10/527,587  
 C--> 14 <141> CURRENT FILING DATE: 2005-03-14  
 14 <150> PRIOR APPLICATION NUMBER: US 60/60/411,790  
 15 <151> PRIOR FILING DATE: 2002-09-19  
 17 <160> NUMBER OF SEQ ID NOS: 5  
 19 <170> SOFTWARE: FastSEQ for Windows Version 4.0  
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 22 <211> LENGTH: 224  
 23 <212> TYPE: DNA  
 24 <213> ORGANISM: Pig  
 26 <400> SEQUENCE: 1  
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 28 gtcaaacaca tttttggcaa aaaaactatg aattttgtaa tcagttgtga gccaatgaaa 120  
 29 tacaaaaatg agtctagtta ataattctaca attattgggtt aaagaagtat attagtgtctg 180  
 30 acttttctct gttcgtccta ccttttcttt tctatcaacc ccac 224  
 32 <210> SEQ ID NO: 2  
 33 <211> LENGTH: 2241  
 34 <212> TYPE: DNA  
 35 <213> ORGANISM: Homo sapiens  
 37 <400> SEQUENCE: 2  
 38 gacggatcgg gagatctccc gatccccctat ggtcgaactct cagtacaatc tgctctgatg 60  
 39 ccgcatagtt aagccagtat ctgctccctg cttgtgtgtt ggaggctcgt gagtagtgcg 120  
 40 cgagcaaaat ttaagctaca acaaggcaag gcttgaccga caattgcatg aagaatctgc 180  
 41 ttaggggttag gcgttttgcg ctgcttcgcc tgcagggcct gaaataacct ctgaaagagg 240  
 42 aacttggtta ggtaccttct gaggtgaaa gaaccagctg tggaatgtgt gtcagttagg 300  
 43 gtgtggaaag tcccaggct cccagcagg cagaagtatg caaagcatgc atctcaatta 360  
 44 gtacgaacac aggtgtggaa agtccccagg ctccccagga ggcagaagta tgcaaagcat 420  
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 46 aaacagatcc agacggcaaa catacgcaag ggatttagtc aaacacattt ttggcaaaaa 540  
 47 aactatgaat tttgtaatca gttgtgagcc aatgaaatac aaaaatgagt ctagttaata 600  
 48 atctacaatt attggttaaa gaagtatatt agtgctgact ttcctctgtt cgtcctacct 660  
 49 tttcttttct atcaacccca catggcctcg taccgccggc atcaacacgc gtctgcgttc 720  
 50 gaccaggctg cgcgttctcg cggccatagc aaccgacgta cggcgttgcg ccctcgccgg 780  
 51 cagcaagaag ccacggaagt ccgcccggag cagaaactgc ccacgctact gcgggtttat 840  
 52 atagacggtc cccacgggct ggggaaaacc accaccacgc aactgctggt ggccctgggt 900  
 53 tcgcgcgacg atatcgtcta cgtaccggag ccgatgactt actggcgggt gctgggggct 960  
 54 tccgagacaa tcgcgaacat ctacaccaca caacaccgcc tcgaccaggg tgagatatcg 1020

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57 cccccggccc tcaccctcat cttcgaccgc catcccatcg ccgccctcct gtgctacccg 1200
58 gccgcgcggt accttatggg cagcatgacc cccagggccg tgctggcggt cgtggccctc 1260
59 atccccccga ccttgcccgg caccaacatc gtgcttgggg cccttccgga ggacagacac 1320
60 atcgaccgcc tggccaaacg ccagcgcccc ggcgagcggc tggacctggc tatgctggct 1380
61 gcgattcgcc gcgtttacgg gctacttgcc aatacgggtg ggtatctgca gtgcggcggg 1440
62 tcgtggcggg aggactgggg acagctttcg gggacggccg tgccgcccc a ggtgcccag 1500
63 cccagagca acgcgggccc acgacccat atcggggaca cgttatttac cctgtttcgg 1560
64 gccccgagt tgctggcccc caacggcgac ctgtataacg tgtttgccctg ggccttggac 1620
65 gtcttgccca aacgcctccg ttccatgcac gtctttatcc tggattacga ccaatcgccc 1680
66 gccggctgcc gggacgcccct gctgcaactt acctccggga tggctccagac ccacgtcacc 1740
67 acccccggtc ccataccgac gatatgcgac ctggcgcgca cgtttgcccg ggagatgggg 1800
68 gaggctaact gagaattcgc tagctctcta gtcgagaatt cgctagctcg acatgataag 1860
69 atacattgat gagtttgac aaaccacaac tagaatgcag tgaaaaaaat gctttatttg 1920
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73 gtgccgtgtg tggttcccgc gggcctggcc tctttacggg ttatggccct tgcgtgcctt 2160
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75 ggtgggagag ttcgaggcct t 2241
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78 <211> LENGTH: 1506
79 <212> TYPE: DNA
80 <213> ORGANISM: fungus
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84 ccgcatagtt aagccagtat ctgctccctg cttgtgtgtt ggaggtcgct gagtagtgcg 120
85 cgagcaaaat ttaagctaca acaaggcaag gcttgaccga caattgcatg aagaatctgc 180
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87 aacttggtta ggtaccttct gaggtgaaa gaaccagctg tggaatgtgt gtcagttagg 300
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89 gtcagcaacc aggtgtggaa agtccccagg ctccccagca ggcagaagta tgcaaagcat 420
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92 gaacataaaa tacaaataac cgctatgctg ttaattattg gcaaattgtcc cttttcaac 600
93 ctaaggaaat accataaagt aacagatata ccaacaaaag gttactagtt aacaggcatt 660
94 gcctgaaaag agtataaaa aatttcagca tgattttcca tattgtgctt ccaccactgc 720
95 caataacacc atggtgacag ggggaatggc aagcaagtgg gatcagaagg gtatggacat 780
96 tgcctatgag gaggcggcct taggttacaa agagggtggt gttcctattg gcggatgtct 840
97 tatcaataac aaagacggaa gtgttctcgg tcgtggtcac aacatgagat ttcaaaaggg 900
98 atccgccaca ctacatggtg agatctccac tttggaaaac tgtgggagat tagagggcaa 960
99 agtgtacaaa gataccatt tgtatacgac gctgtctcca tgcgacatgt gtacagggtg 1020
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101 gggcgagaaa tatttacaaa ctagggttca cgagggtgtt gttgttgacg atgagagggtg 1140
102 taaaaagatc atgaaacaat ttatcgatga aagacctcag gattgggttg aagatattgg 1200
103 tgagtaggct agctctctag tcgagaattc gctagctcga catgataaga tacattgatg 1260
104 agtttggaac aaccacaact agaatgcagt gaaaaaaatg ctttatttgt gaaatttgtg 1320
105 atgctattgc tttatttgtg aaatttgtga tgctattgct ttatttgtaa ccattataag 1380

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106 ctgcaataaa caagttaaca acaacaattg cattcatttt atgtttcagg ttcaggggga 1440
107 ggtgtgggag gttttttaaa gcaagtaaaa cctctacaaa tgtggtagat ccatttaaat 1500
108 gttaat 1506
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111 <211> LENGTH: 2294
112 <212> TYPE: DNA
113 <213> ORGANISM: Cytomegalovirus
115 <400> SEQUENCE: 4
116 gacggatcgg gagatctccc gatcccctat ggtcgactct cagtacaatc tgctctgatg 60
117 ccgcatagtt aagccagtat ctgctccctg cttgtgtggt ggaggtcgct gagtagtgcg 120
118 cgagcaaaat ttaagctaca acaaggcaag gcttgaccga caattgcatg aagaatctgc 180
119 ttaggggttag gcggttttgcg ctgcttcgcg atgtacgggc cagatatacg cggtgacatt 240
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123 attgacgtca atgggtggac tattttacgt aaactgccc cttggcagta catcaagtgt 480
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126 tcgctattac catggtgatg cggttttggc agtacatcaa tgggcgtgga tagcggtttg 660
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128 aaaatcaacg ggactttcca aaatgtcgta acaactccgc cccattgacg caaatgggcg 780
129 gtaggcgtgt acgggtgggag gtctatataa gcagagctct ctggctaact agagaaccca 840
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135 ggatggggaa aaccaccacc acgcaactgc tgggtggcct gggttcgcgc gacgatatcg 1200
136 tctacgtacc cgagccgatg acttactggc ggtgtctggg ggcttcgag acaatcgca 1260
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152 gtgtggttcc cgcgggcctg gcctctttac gggttatggc ccttgctgc cttgaattac 2220
153 ttccacctgg ctgcagtacg tgattcttga tcccgagctt cgggttgga gtgggtggga 2280
154 gaggttcgagg cctt 2294
156 <210> SEQ ID NO: 5
157 <211> LENGTH: 1782

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159 <213> ORGANISM: Cytomegalovirus
161 <400> SEQUENCE: 5
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164 cgagcaaaat ttaagctaca acaaggcaag gcttgaccga caattgcatg aagaatctgc      180
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176 ctgcttactg gcttatcgaa attaatacga ctactatag ggagacccaa gctggctagc      900
177 gtttaaaactt aagcttggt a ccgagctcgg atccactagt ccagtgtggt ggaattctgc      960
178 agatcctgca gatggtgaca gggggaatgg caagcaagtg ggatcagaag ggtatggaca     1020
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180 ttatcaataa caaagacgga agtgttctcg gtcgtggtca caacatgaga tttcaaaagg     1140
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183 ccatcatcat gtatggtatt ccacgctgtg ttgtcgggtg gaacgttaat ttcaaaagta     1320
184 agggcgagaa atatttacia actagaggtc acgaggttgt tgttggtgac gatgagaggt     1380
185 gtaaaaagat catgaaacaa tttatcgatg aaagacctca ggattgggtt gaagatattg     1440
186 gtgagtaggc tagctctcta gtcgagttca gcacagtggc ggccgctcga gtctagaggg     1500
187 cccgtttaaa cccgctgatc agcctcgact gtgccttcta gttgccagcc atctgttggt     1560
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189 taaaatgagg aaattgcatc gcattgtctg agtaggtgtc attcttattg aagcatttat     1680
190 cagggttatt gtctcatgag cggatacata tttgaatgta tttagaaaaa taaacaaata     1740
191 ggggttccgc gcacatttcc ccgaaaagtg ccacctgacg tc                               1782

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**VERIFICATION SUMMARY**

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Input Set : A:\PTO.SR.txt

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L:14 M:270 C: Current Application Number differs, Replaced Current Application No  
L:14 M:271 C: Current Filing Date differs, Replaced Current Filing Date